

Appl. No. 09/931,276
Reply to Final Office Action of September 22, 2005

Docket No. RTN-122PUS

Amendments to the Claims:

This listing of the claims will replace all prior versions, and listings, of the claims in the application:

- 1 1. (Currently Amended) A vehicle radar system comprising:
2 a side object detection radar transceiver including an antenna adapted to provide a
3 plurality of radar beams; and
4 attachment means coupled to the side object detection radar transceiver ~~for and adapted~~
5 ~~to portably attaching-attach~~ the side object detection radar transceiver to a vehicle.
- 1 2. (Currently Amended) The vehicle radar system of claim 1 further comprising:
2 a radar display coupled to the side object detection radar transceiver and adapted to be
3 portably attached to the vehicle.
- 1 3. (Currently Amended) The vehicle radar system of claim 2, wherein the radar display is
2 adapted to be portably attached to the interior of the vehicle.
- 1 4. (Currently Amended) The vehicle radar system of claim 2, wherein the radar display is
2 adapted to be portably attached to the exterior of the vehicle so as to be visible to an occupant of
3 the vehicle.
- 1 5. (Currently Amended) The vehicle radar system of claim 2, wherein the attachment means is
2 adapted to portably attach the side object detection radar transceiver ~~is portably attached to a~~
3 vehicle window.
- 1 6. (Previously Presented) The vehicle radar system of claim 1, further comprising:
2 a radar display disposed upon the side object detection radar transceiver.

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1 7. (Currently Amended) The vehicle radar system of claim 1, wherein the attachment means is
2 adapted to portably attach the side object detection radar transceiver is portably attached to the
3 interior of the vehicle.

1 8. (Currently Amended) The vehicle radar system of claim 1, wherein the attachment means is
2 adapted to portably attach the side object detection radar transceiver is portably attached to the
3 exterior of the vehicle.

1 9. (Currently Amended) The vehicle radar system of claim 1, wherein the attachment means is
2 adapted to portably attach the side object detection radar transceiver is portably mounted to a
3 vehicle window.

1 10. (Currently Amended) The vehicle radar system of claim 6, wherein the attachment means is
2 adapted to portably attach the side object detection radar transceiver is portably attached to the
3 interior of the vehicle.

1 11. (Currently Amended) The vehicle radar system of claim 6, wherein the attachment means is
2 adapted to portably attach the side object detection radar transceiver is portably attached to the
3 exterior of the vehicle so as to be visible to an occupant of the vehicle.

1 12. (Currently Amended) The vehicle radar system of claim 6, wherein the attachment means is
2 adapted to portably attach the side object detection radar transceiver is portably mounted to a
3 vehicle window so as to be visible to an occupant of the vehicle.

1 13. (Previously Presented) The vehicle radar system of claim 2, wherein the radar display is
2 adapted to be mounted so as to be visible to an occupant of the vehicle in a rear view mirror of
3 the vehicle.

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1 14. (Previously Presented) The vehicle radar system of claim 6, wherein the radar display is
2 adapted to be mounted so as to be visible to an occupant of the vehicle in a rear view mirror of
3 the vehicle.

1 15. (Previously Presented) The vehicle radar system of claim 1, wherein the side object
2 detection radar transceiver is adapted to detect objects in a predetermined detection zone to the
3 side of a vehicle, and not detect objects outside of the predetermined detection zone.

1 16. (Previously Presented) The vehicle radar system of claim 15, wherein the predetermined
2 detection zone to the side of the vehicle is associated with a vehicle blind spot.

1 17 (Previously Presented) The vehicle radar system of claim 1, wherein the attachment means
2 comprises a bracket to couple the side object detection radar transceiver to an interior of a
3 vehicle window.

1 18. (Previously Presented) The vehicle radar system of claim 1, wherein the attachment means
2 comprises hook and loop fasteners to couple the side object detection radar transceiver to an
3 interior of a vehicle window.